R. V. .S. KRISHI VISHWA VIDYALAYA
B. M. COLLEGE OF AGRICULTURE, KHANDWA
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राजमाता विजयाराजे सिंधिया कृषि विश्वविद्यालय
भगवन्तराव मण्डलोई कृषि महाविद्यालय,
खण्डवा (म.प्र.)
दूरभाष 0733-2222119 (O) 0733-2248853 (R)
मोबाईल नं. 9425414834
फैक्स - 0733-2230217
ई–मेल : deankhandwa@rediffmail.com

No. Dn./2013-14/699 Date 23.05.2013

To,

The Dean Faculty of Agriculture,
R.V.S.K.V.V. Gwalior

Sub.:- Submission of the Annual Progress Report 2012-13 of the College.
Ref.:- Your letter No. DFA/2013-14/326 dated 06.05.2013.

Sir,

Kindly find herewith enclosed the Annual Progress Report on teaching, Research and Extension activities of College for the year 2012-13 as desired in hard and soft copy.

Enclosed. DEAN

1. Hard copy- 1
2. Soft copy -1

RAJMATA VIJAYARAJE SCINDIA KRISHI VISHWA VIDYALAYA, GWALIOR (M.P.)

AGRICULTURE FACULTY

ANNUAL PROGRESS REPORT 2012-13

Late Shri Bhagvantraoji Mandloi

B.M. COLLEGE OF AGRICULTURE KHANDWA

Foreword-*At V.V. Level*
Executive Summary-*At V.V. Level*
Introduction-*At V.V. Level*

2. Academic Highlights

2.1 Profile of the Colleges

B. M. COLLEGE OF AGRICULTURE, KHANDWA (ESTD. 1986)

The College of Agriculture Khandwa was established in the name of the former Chief Minister of Madhya Pradesh Shri Bhagavant Rao Mandloi in 1986. The college is located in the Nimar Valley of Madhya Pradesh. The climate of this region is hot and dry with an average annual rainfall of about 800 mm which is unevenly distributed. The Hon'ble Chief Minister of Madhya Pradesh Sh. Motilal Vora laid down the foundation stone of B.M. College of Agriculture, Khandwa under the jurisdiction of the J.N.K.V.V. Jabalpur. The college came under jurisdiction of R.V.S.K.V.V. Gwalior on 16.08.2008.

The College offers Under Graduate teaching programme of 4 years degree course in B.Sc.(Ag.). There are 12 departments working in this college: AGRONOMY, PLANT PHYSIOLOGY, AGRICULTURAL STATISTICS & COMPUTER SCIENCE, AGRICULTURAL ECONOMICS & FARM MANAGEMENT, EXTENSION EDUCATION & RURAL SOCIOLOGY, ENTOMOLOGY, FOOD SCIENCE & TECHNOLOGY, PLANT BREEDING & GENETICS, PLANT PATHOLOGY, SOIL SCIENCE & AGRICULTURAL CHEMNISTRY, HORTICULTURE and AGRICULTURAL ENGINEERING. The total intake capacity of this college is 56 including payment, ICAR and NRI seats under different categories. At present the college has total strength of 221 students including 65 girl students. Till date, 495 students have passed out from this college. Modern teaching aids like computers, LCD projectors and internet facilities are available for staff and students. An independent ARIS Cell functions in college for computer teaching and information technology related to Agriculture Science. The college has excellent laboratories in Plant Pathology and Biotechnology with a vast collection of rare specimens and slides. The college library has 5934 books related to agricultural science. CeRA facility in the college library has been initiated for effective learning both for student and teaching staff by providing access to National and International journals. The hostel facility is available for 52 Girl students. Efforts are being made for providing hostel facilities for boys also.

Annual inter-collegiate sports meets was organized at Khandwa in the year 2010. The Chief Guest for this unforgettable event was Hon'ble Vice Chancellor Prof. V. S. Tomar. The students of this college had been participating in Cultural Meet and have won several awards. Ku. Kajal Raj, a student of this college, won third prize in the Quiz Competition at National level in the year 2011. Mr. Prabash Bose a student of this college was honoured with the University Gold Medal in 1993 for his outstanding performance in B.Sc.(Ag) degree programme.

Details of the Colleges

2.2 Admission Procedure

2.2.1 Under Graduate Programmes

Admission in first year of B.Sc.(Ag.) is done on the basic of merit list provided by Professional Examination Board of the State Government, located at Bhopal. The Board conducts a Pre Agriculture Test (PAT) for B.Sc.(Ag.) the roster for reservation of seats for UG as per provisions made by the state government for different categories is strictly followed. All possible efforts are made to fill complete seats of different categories by repeated counseling of the students. The counseling is done at V.V. Head Quarters.

2.2.2 Post Graduate Programmes-*Not Applicable*

2.2.3 Ph.D. Programmes-*Not Applicable*

2.3 Allocation of Seats and Roster

2.3.1 Intake Capacity at a Glance-*At V.V. Level*

2.3.2 Under Graduate B.Sc.(Ag./Hort.)-*At V.V. Level*

2.3.3 Post Graduate M.Sc.(Ag./Hort.)-*Not Applicable*

2.3.4 Ph.D. Agriculture- *Not Applicable*

2.3.5 Ph.D. Horticulture- *Not Applicable*

2.4 Student Strength

2.4.1 Students Admitted

S	Year	General			S.C.			S.T.			O.B.C.			Total		Gr.Total
N		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Boys
1	B.Sc.(Ag.) I[st] Year	5	1	6	9	2	11	11	4	15	9	20	29	34	27	61

2.4.2 Student Strength at a Glance

Sr. No.	Year	Total		Gr.Total
		Boys	Girls	Boys
1	B.Sc.(Ag.) Ist year	31	26	57
2	B.Sc.(Ag.) IInd year	33	13	46
3	B.Sc.(Ag.) IIIrd year	37	14	51
4	B.Sc.(Ag.) IVth year	29	17	46
	UG Total	**130**	**70**	**200**

2.4.3 Category wise Strength

S.	Year	General			S.C.			S.T.			O.B.C.			Total		Gr.Total
No.		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Boys
1	B.Sc.(Ag.) Ist year	3	1	4	9	2	11	11	4	15	8	19	27	31	26	57
2	B.Sc.(Ag.) IInd year	6	1	7	7	3	10	3	2	5	17	7	24	33	13	46
3	B.Sc.(Ag.) IIIrd year	3	1	4	5	2	7	8	4	12	21	7	28	37	14	51
4	B.Sc.(Ag.) IVth year	4	5	9	5	3	8	0	8	8	20	1	21	29	17	46
	UG Total	16	8	24	26	10	36	22	18	40	66	34	100	130	70	200

2.4.4 Post Graduate M.Sc.(Ag./Hort.) -*Not Applicable*

2.4.5 Ph.D. Agriculture/Horticulture-*Not Applicable*

2.5 Teaching Status

2.5.1 Under Graduate:B.Sc.(Ag.)

	Course Offered (No.)		**Total Credits**	
	Ist Sem.	**IInd Sem.**	**Ist Sem.**	**IInd Sem.**
Ist Year	08	09	21	22
IInd Year	09	08	23	20
IIIrd Year	08	09	20	20
IVth Year	05 RAWE	01 Exp Learning	20	20
Total	**30**	**27**	**84**	**82**

2.5.2 Post Graduate M.Sc.(Ag./Hort.) -*Not Applicable*

2.5.3 Ph.D. Agriculture/Horticulture-*Not Applicable*

2.5.4 Ph.D. Horticulture-*Not Applicable*

2.6 Thesis Submitted to Faculty of Post Graduate 2012-13 -*Not Applicable*

2.7 Experiential Learning Programme

The purpose in the final year an Experiential Learning Programme is started with a view to know the practical aspects of Horticulture and Agriculture. Fifty six students (2011-12) were divided in to two Group Viz, Crop Production and Crop Protection. Equal number of students from each group gained Experiential Learning in the above said aspects.

2.8 Rural Agricultural/Horticulture Work Experience

As a part of regular curriculum the final year students of B.Sc.(Ag.) were placed in rural areas of Badwani and Khargone district for one semester in selected villages through KVK and ZARS working in the region were each student is attached to one host farmer for practical training with regards to Crop Production, Crop Protection, Economics and also community dynamics of the Villages. However some social activities were also performed by the students in their respective Villages.

2.9 Academic Excellence

2.9.1 Students Secured Rank in ICAR-JRF Examination

Eight Students Cleared JRF & One Student Cleared JNU Examination.

2.9.2 UG Gold Medals-*Nil*

2.9.3 PG Gold Medals-*Not Applicable*

2.9.4 No. of Degree Conferred on the eve of 1st Convocation of University held on 2st July, 2012-*At V.V. Level*

2.9.5 Scholarship Stipends

Sr.No.	**Name of the Scholarship**	**No. of Beneficiaries**
1	Post Matric Scholarship	149
2	National Talent Scholarship	06
3	Dr. Shyamaprasad Mukharji Sc.	01
4	Vikramaditya Scholarship	02

3. Students Welfare Activities

3.1 NSS

Seven Days- (i.e. 16/03/2013 to 22/03/2013) NSS camp was held at Tithiya Joshi Village Block-Khandwa District Khandwa. Forty Five (45) Students of the College participated in the activities with Village Volunteers (08) in the leadership of S.K. Arsia. Students and volunteers performed various social activities and created awareness on the issues like, polythene free M.P., Vaccination in pregnant women, health and nutritional awareness and Village Sanitation and hygiene importance in their daily life.

NSS Unit of the College participated in the candle march on 22/02/2013 against women gang rape issue. This activity jointly organized with district administration and other institutions with public representatives of the district.

राष्ट्रीय सेवा योजना ईकाई कृषि महाविद्यलाय, खण्डवा
(वार्षिक प्रतिवेदन 2012–13)

17-18 /09/ 2012 राष्ट्रीय सेवा योजना , दो दिवसीय नेतृत्व प्रशिक्षण शिविर शासकीय श्री नील कण्ठेश्वर महाविद्यालय , खंडवा में आयोजन किया गया

24/09/2012 राष्ट्रीय सेवा योजना दिवस , बी.एम.कृषि महाविद्यालय खंडवा में मनाया गया इस अवसर पर भाषण प्रतियोगिता का आयोजन किया गया जिसमें प्रथम स्थान शीतल राजपुराहित एवं द्वितीय स्थान मुकेश कुमार जाटव एवं तृतीय स्थान रेनू कुमारी ने प्राप्त किया ।

07/11/2012 को महाविद्यालय में पॉलिथीन मुक्त मध्यप्रदेश कार्यक्रम का आयोजन किया गया । इस अवसर पर कृषि महाविद्यालय के अठिष्ता डॉ. पी.पी. शास्त्री जी ने दीप जलाकर कार्यक्रम का शुभांरभ किया ।

दिनांक 25.05.2013 को ''रेड रिबिन क्लब'' के तत्वाधान में एड्स रोग से बचाव, सुरक्षा सावधानी एवं उपचार विषय पर संगोष्ठी आयोजित किया गया, जिसमें महाविद्यालय के छात्र/छात्राओं, अधिकारी, कर्मचारी तथा विशेष वक्ता डॉ.अमित सिंह जी उपस्थित थे। इस दौरान श्री रंजीत सिंह जी जो की अक्षय परियोजना के जिला समन्वयक हैं उपस्थित रहे।

NCC-*Not Applicable*

3.1 Students Counseling and Placement Cell

Regular counseling of College students is being arranged in the campus. Placement activities were done at V.V. level.

3.2 Cultural and Sports Activities

ACHIEVEMENTS OF COA, KHANDWA IN CULTURAL ACTIVITIES 2012 – 13

Youth festival 2012-13 of R.V.S.K.V.V., was held at College of Agriculture, Indore from Jan 16th to 18th, 2013. Total 20 students (12 Boys and 08 Girls) of B.M. College of Agriculture, Khandwa participated in this youth festival. In fine arts events Ku. Rakhi Yadav secured first prize in rangoli competition, Shri Devendra Pal secured first prize in cartooning Whereas Ku. Kajal Raj fetched first prize in on the spot painting and second prize in poster making.

In literary events Ku. Renu secured second position in elocution compaction whereas Sh. Bhupendra Yadav fetched first position in extempore speech and collage.

College of Agriculture, Khandwa was placed on second position in the University. *Lalit Kala Shiromani* Award in fine arts events has been given to COA, Khandwa.

Dr. M.K. Gupta and Dr.Rashmi Shukla were deputed as team manager from COA, Khandwa.

Students of COA, Khandwa performing in skit competition

Respective delegates from various Colleges of R.V.S.K.V.V. on the opening ceremony of the youth festival

Students of COA, Khandwa performing in the singing competition.

Sh. Bhupendra Yadav receiving first prize in collage at the hands of the guests

Students of COA, Khandwa performing in the mime competition.

Ku. Kajal Raj, student of COA, Khandwa receiving first prize on the spot painting at the hands of the guests.

ACHIEVEMENTS OF COA, KHANDWA IN SPORTS ACTIVITIES 2012 – 13

Inter-collegiate badminton, table Tennis, Carrom and Chess tournament of RVSKVV for the year 2012-13 was organized at college of Agriculture, Indore from 4th to 6th October 2012.

The achievements of the students of College of Agriculture, Khandwa were as follows –

- Table Tennis (Boys Section) – Runners up (Sh Vikas Bairagi and Sh Anshuman Sharma) Sh Vikas Bairagi and Ah Anshuman Sharma were also recommended for the University team.
- Chess (Girls) - Ku Neha Bhatele was adjudged the runners up.
- Chess (Boys) – Sh Jeevan Patidar was adjudged the runners up.

Inter – collegiate Volley ball and Kho – Kho tournament of RVSKVV for the year 2012-13 was organized at college of Horticulture, mandasaur from 11th to 13th October 2012.

The achievements of the students of College of Agriculture, Khandwa were as follows –

- College of Agriculture, Khandwa was adjudged the runners up in Kho – Kho.
- Sh Golu Nigwal, Sh Mahesh Gaware and Sh Arjun Singh Gaur were recommended for the University team.
- Sh Arjun Singh Gaur and Sh Rajesh Patidar were recommended for the University team.

Inter – collegiate Kabaddi and athletic meet of RVSKVV for the year 2012-13 was organized at RVSKVV, Gwalior from 14th to 16th February 2013.

COA Khandwa bagged 5 Gold, 7 Silver and 6 Bronze medals

The achievements of the students of College of Agriculture, Khandwa were as follows –

Boys Section:

200 m Race	Sh Mahesh Gaware	**1st**
400 m Race	Sh Arun Rathod	2nd
800 m Race	Sh Arun Rathod	2nd
1500 m Race	Sh Rajendra Mandloi	2nd
Javelin throw	Sh Ravindra Jazme	2nd
Shot put	Sh Lakhan Mohaniya	3rd
4X100 m Relay race	COA Khandwa	**1st**

Girls Section:

100 m Race	Ku Reena Sisodiya	**1st**
200 m Race	Ku Bharti Patel	2nd
400 m Race	Ku Reena Sisodiya	**1st**
800 m Race	Ku Bharti Patel	2nd
800 m Race	Ku Sapna Jaiswal	3rd
1500 m Race	Ku reena Sisodiya	**1st**
Long Jump	Ku Lalita	3rd
Javelin throw	Ku Monika Mukati	3rd
4X100 m relay race	COA Khandwa	2nd

Ku Reena Sisodiya of COA Khandwa was also awarded with "***Best Athlete of the year***"

The following students were selected for the university team:

Sh Mahesh Gaware	– 200 m Race, 4X100 m Relay Race & Kho-Kho
Sh Rajendra Mandloi	– 4X100 m Relay Race
Sh Golu NIgwal	– Kabaddi & Kho-kho
Sh Arjun Singh Gaur	– Kho-Kho
Ku Reena Sisodiya	– 100 m Race, 400 m Race

Ku Reena Sisodiya of COA Khandwa receiving "***Best Athlete of the year***" from Hon'ble Vice Chancellor Dr. A.K. Singh, RVSKVV, Gwalior

Sh M.K. Kureel I/c Sports COA Khandwa Introducing Kabaddi team to Delegates of the Vishwa Vidyalaya

COA Khandwa bagged the Gold Medal in 4X100 m Relay Race (Sh Mahesh Gaware of COA Khandwa, leading)

COA Khandwa received the gold medal in 4X100 m Relay Race

4 Research Highlights

4.1 All India Coordinated Cotton Improvement Project,

(A) Research Trials counducted at Khandwa Centre 2012-13

(1) CROP IMPROVEMENT

(a) National Trials

Br. 02 a IET- *G. hirsutum* (Irrigated)

Br. 02 b IET- *G. hirsutum* (Rainfed)

Br. 05 b PHT-Intrahir-hybrid (Rainfed)

Br. 22 a/b IET- *G. arboreum* (Rainfed)

Br. 06 b Initial Evaluation of Compact genotypes under rainfed condition

(b) Zonal Trials (Central Zone)

Br. 05a CHT Intrahir-hybrid (Irrigated)

Br. 04 b CVT *G. hirsutum* (Rainfed)

Br. 03 b PVT *G. hirsutum* (Rainfed)

Br. 24 b CVT *G. arboreum* (Rainfed)

Br. 25 b CHT *G. arboreum* hybrid (Rainfed)

(2) PLANT PHYSIOLOGY

Phy-1. : Screening of cotton genotypes for drought tolerance.

Phy-3. : Effects of defoliates on physiological parameters and seed cotton yield.

(3) ENTOMOLOGY

Ent. 1 (a) Screening of breeding material for resistance to insect pests

Ent.1(b) Advanced Screening of promising entries for their reaction to jassid of cotton.

Ent.3(a): Evaluation of insecticide against insect pest of cotton

Ent.3(b): Revalidation of existing recommendation of insecticides against sucking pests in cotton ecosystem 2012-13

Ent.2 : Population dynamics to develop suitable forecasting model:

(4) PLANT PATHOLOGY

Path 1(a): Observation on the occurrence of the diseases (in farmers & research farms)

Path 1(b): Disease progress in relation to weather factors

Path 1 (c) Studies on variability on Myrothecium leaf spot

Path 2(a): Screening of breeding lines for disease resistance

Path 2 (b): Confirmation and maintenance of disease resistant line

Path 3(a): Validation of seed dressing chemicals against seed and seed borne diseases of cotton

4.2 List of Adhoc Project running at Khandwa 2012-13

1 National Information System for Pest Management (Bt Cotton) by NCIPM. New Delhi.

2 Insecticides Resistance Management Project By CICR Nagpur.

(B) RVSKVV, Contractual Trial conducted at Khandwa Centre during 2012-13

(i) PLANT PATHOLOGY

1. Evaluation of BAS 700 05F (Fluxapyroxad 333 g/l FS) as seed treatment against seedling diseases (*Rhizoctonia spp*) in cotton. M/s BASF India Ltd. Mumbai
2. Bioefficacy and Phytotoxicity Evaluation of Metiram 55% + Pyraclostrobin 5% WG (Cabrio Top 60% WG) against Alternaria leaf spot disease in Cotton. M/s. BASF India Ltd.Mumbai
3. Bioefficacy and Phytotoxicity Evaluation of Fluxapyroxad 167 g/l + Pyraclostrobin 333 g/l SC (Duxar 50% w/v SC) against Alternaria leaf blight in Cotton. M/s. BASF India Ltd. Mumbai

(ii) ENTOMOLOGY

1. Evaluation of UPI 309 for bioefficacy against pests of Cotton. M/s United Phosphorus Ltd. Uniphos house, Madhu Park 11 th Road, Khar (W) Mumbai-400052
2. To evaluate the bioefficacy of UPI 110 against Insect Pests of Cotton. M/s United Phosphorus Ltd. Uniphos house, Madhu Park 11 th Road, Khar (W) Mumbai-400052
3. To Judge the efficacy and effect on oil contend of Biozyme Soya plus granule and liquid on soybean crop. M/s Biostad India Ltd., Poonam Chamber A wing 6 th floor AB Road Worli Mumbai.

(iii) PLANT BREEDING

1 SAU trials on testing of performance of Bt cotton hybrids.

No of Bt entries/hybrids-67 **No. of companies-15**

4.3 New Varieties developed and released-*NIL*

4.4 Technologies Generated

IPM Module developed under NISPM Project

5 Extension Highlights

Sr. No.	Extension Activity	No. of Activities	Beneficiaries
5.1	Services Provided	Kishan Mobile Advisory	1101
5.2	On Farm Testing	Kharif-09, Rabi-11	116
5.3	Front Line Demonstrations	Kharif-13, Rabi-12	177
5.4	Trainings	73	1851
5.5	Farmers Fairs/Kisan Divas	05	166
5.6	Extension Activities other than KVKs	Kisan Mela-02 Kisan Gosthi-01 Film Show-15 News Paper Coverage-22 Scientist Visits-102	700 120 305 Mass 2133
5.7	Production & Supply of technological inputs	Soybean Seed Production JS-9560	17.00 Q.
5.8	Soil, Water and Plant Analysis	-	-
5.9	Technology Transmitted Through Electronic Media *(Radio)*	14	Mass
5.10	Kisan Mobile Services	83	1101
5.11	SAC Meeting	02	39
5.12	News Letters Published	04	4000
5.13	Publications	06 Popular Articles	Mass

Death anniversary of Late Bhagwant Rao Mandloi celebrated on 3-11-2012 in the College seminar hall. Hon'ble MLA Khandwa Sh. Devendra Verma, Collector Khandwa, Sh. Neeraj Dubey, Sh. Manoj Sharma S.P. Khandwa & Dr. O.P. Soni on the dais.

Collector Khandwa Sh. Neeraj Dubey participated in the interface at KVK, Khandwa on 16-01-2013.

Collector Khandwa Sh. Neeraj Dubey interacting with participants at KVK, Khandwa on 16-01-2013 in the interface.

Demonstration of Agri. implements to farmers at tractor training center Khandwa. Dr.D.K. Vani, P.C. KVK, Khandwa with the farmers on 12-02-2013.

Farmers exposure visit to crop cafataria at KVK, Khandwa on 19-02-2013.

Dr. D.K. Vani, P.C., K.V.K., Khandwa receiving certificate of Honour at the hands of Hon'ble State Agriculture Minister Dr.Ramkrishna Kusmariya, BJP State President Hon'ble Sh. N.S. Tomar and Hon'ble Vice Chancellar of R.V.S.K.V.V., Gwalior Dr. V.S. Tomar on 18-08-2012.

Demostration of JCB machine to the farmers at KVK Khandwa.

Hon'ble MLA Khandwa Sh. Devendra Verma, visiting KVK, stall at farmers fair on 15-02-2013.

Visit of farmers to demostration plot of KVK, Khandwa on 25-01-2013.

Vocational traning program from 01-02-2013 to 28-02-2013 to women on stiching arranged by Dr.Rashmi Shukla, P.A., KVK, Khandwa

5.8.1 Doordarshan

Doordarshan Indore invited farmers and scientists (Crop Specialist) on 23/02/2013 for recording talk on different crops. Programme would broadcast on 28/02/2013 at 5:30 PM by Doordarshan Indore in which Dr. P.P. Shastry and Sh. S.K. Parsai addressed to the farmers on Cotton crop on the day. In all 15 Scientists participated.

5.8.2 Radio Talks

Sr. No.	Significant achievement /Activities/	Date of Broadcasting	Description
1	Radio talk ''गेहूँ मे खरपतवार नियंत्रण''	27-11-2012	AIR Khandwa
2	सामाजिक परिवर्तन में ग्रामीण युवाओं की सार्थक भूमिका	05.11.2012 व 31.12.2012	आकाशवाणी खंडवा
3	फार्म नियोजन	14.12.2012	आकाशवाणी खंडवा
4	रबी फसलों मे लगने वाले कीट और नियंत्रण	18.10.2012	आकाशवाणी खंडवा
5	खरीफ फसलों में कीट व्याधि नियंत्रण	2.07.2012	आकाशवाणी खंडवा
6	कपास फसल में सामयिक कृषि कार्य	12.07.2012	आकाशवाणी खंडवा
7	सफेद लट कीट का प्रकोप	14.07.2012	आकाशवाणी खंडवा
8	तंबाकू की इल्ली हानि एवं प्रबंधन	15.07.2012	आकाशवाणी खंडवा
9	कपास फसल की समस्याएँ एवं समाधान	30.07.2012	आकाशवाणी इंदौर
10	तंबाकू की इल्ली का समेकित प्रबंधन	3.08.2012	आकाशवाणी इंदौर
11	सफेद लट कीट की हानि एवं प्रबंधन	4.08.2012	आकाशवाणी इंदौर
12	कपास की फसल में हरा मच्छर एवं सफेद मक्खी का प्रबंधन	5.08.2012	आकाशवाणी इंदौर
13	कपास फसल में कीट नियंत्रण	25.07.2012	दूरदर्शन भोपाल
14	खरीफ फसलों में कीट व्याधि नियंत्रण	2.08.2012	आकाशवाणी खंडवा
15	कपास फसल में उर्वरक एवं कीट प्रबंधन	7.09.2012	आकाशवाणी इंदौर
16	कपास फसल में कीट नियंत्रण एवं सामयिक कृषि कार्य	11.09.2012	दूरदर्शन भोपाल
17	कपास फसल में कीट नियंत्रण	12.09.2012	दूरदर्शन भोपाल
18	कपास फसल में उर्वरक एवं कीट प्रबंधन	4.10.2012	आकाशवाणी खंडवा
19	निमाड़ में कपास उत्पादन	15.12.2012	आकाशवाणी इंदौर
20	रबी फसलों के मुख्य कीट एवं उनका नियंत्रण	21.12.2012	आकाशवाणी खंडवा
21	पादप हारमोन्स व विभिन्न फसलों में उनकी उपयोगिता	08.10.2012	आकाशवाणी खंडवा
22	सोयाबीन कटाई एवं गहाई में सावधानियॉ	27.09.2012	आकाशवाणी खंडवा
23	सिंचाई पम्पों का चयन, देखभाल एवं रखरखाव''	11.01.2013	आकाशवाणी खंडवा
24	''रबी फसल की कटाई एवं कृषि यंत्र''	01.02.2013	आकाशवाणी इंदौर
25	'' उद्यमिता विकास की विपुल सम्भावनायें''	18.01.2013	आकाशवाणी खंडवा
26	''एकीकृत कीट नियंत्रण'' रेडियो भेंटवार्ता	25.01.2013	आकाशवाणी खंडवा
27	''खरबूजे की जायद ऋतु की खेती'' रेडियो भेंटवार्ता	24.01.2013	आकाशवाणी खंडवा
28	''बसन्त कालीन गन्ने में सामयिक सुझाव'' रेडियो वार्ता	11.03.2013	आकाशवाणी इंदौर

6. Library and Documentation Service

S.No.	Item	Quantity
1.	Text Book	5592
2	Reference Book	95
3	Book Bank	247
4	Competitive Exam. Book	53
5	Journals	02
6	Other Books	1. प्रतियोगिता दर्पण 2. कॉनिकल 3. Competition Success Review
7	New Book Purchased During 2012 -2013	1092

Library facility with CeRA provided to students. New building of library is almost complete and become functional from July 2013.

7. Infrastructure Development

Under constriction badminton hall (exterior view)

Badminton hall under construction (Interior view)

Newly constructed Library building

8. General Administration and Finance

Grants Received and Expenditure Incurred during (01-04-2012 to 31-03-2013)

Amount in lakh

1	Opening Balance (As per Cash book)			**59.32**
2	Received Grant in aid from MP Govt			
	Budget Head	**Allotments**	**Gross Expenditure**	
A	**Agriculture Department**			
I	Agriculture Plan			
II	Tribal Sub Plan			
	Tribal Sub Plan Infrastructure	30.00	29.88	
	B(6) 10 Agriculture College Khandwa	152.03	117.12	
	C-1(23) Propagation of Aonla & Ber	24.16	1.14	
	C-1(49) IERP	17.81	5.51	
	C-1(58) NARP	57.47	21.01	
	Sub Total (A)	**281.47**	**174.66**	
III	Special Component	0	0	
IV	Agriculture Non-Plan			
	D-1(7) Agriculture Research Farm	**21.00**	**20.76**	
	Sub Total (B)	**21.00**	**20.76**	
B	**Others**			
I	Rashtriya Krishi Vikas Yojna	0	0	
II	MPWSRP	0	0	
III	Other Project	0	0	
3	1. Indian Council of Agricultural Research			
	Cotton Improvement Project	57.33	52.08	
	C-2 Res (ICAR) P-273 RAWE	2.94	2.35	
	National Centre for Integrated Pest Management	5.85	5.07	
	TMC MM-2 IRM Project	3.85	3.01	
	Hybrid Cotton Testing	5.75	0	
	Sub Total (C)	**75.72**	**62.51**	
	2. Development Grant (ICAR)	42.25	41.87	
	3.Goveernment of India (GOI)	0	0	
4	Internal & Other Resources of University			
	C-1(98) Internal resources	37.24	5.44	
	C-1(98) Internal resources Farm	4.00	3.99	
	Sub Total (D)	**41.24**	**9.43**	
	Grand Tota (A+B+C+D)	**461.68**	**309.23**	
	Total funds received from RVSKVV, Gwalior against allotments			**342.52**
5	**Total Expenditure including Pay & allow. Etc**			**309.23**
6	Closing balance (As per Cash book) including fee receipt			**132.12**

9. Important Events

First Convocation-*At V.V. Level*

Seminars/Conferences/Workshops etc organized at R.V.S.K.V.V.,/Colleges-*NIL*

10. Human Resource Development

Human resource development (existing staff)

S.	Name of Scientist	Designation	Name of host institute/organization	Training title	Period	
					From	To
1	Dr. M.K. Gupta	PA (Agril.Eco.)	MPUAT Udaipur	Market intelligence for Agricultural production and processing	28 Jan. 2013	4 Feb. 2013
2	Dr. M.K. Gupta	PA (Agril.Eco.)	MANAGE , Hyderabad	WTO & its implication in Indian agriculture	22.8.12	24.8.12
3	Dr. M.K. Gupta	PA (Agril.Eco.)	RVSKVV, Gwalior	"Participatory Extension Approaches for Commercial Agriculture"	27 Dec. 2012	28 Dec. 2012
4	Dr.V.Rajput	SMS (Hort)	RVSKVV, Gwalior	Conservation Agriculture	28.2.13	1.3.13
5	Sh. B.K.Patidar Sh. S.K. Parsai	PA (PP) Scientist (Entomology)	RVSKVV, Gwalior	Statistical Analysis	18.2.13	23.2.13
6	Dr.Y.K.Shukla	SMS (Soil Sc.)	National Bureau of Soil Survey and Land use Planning (ICAR), Regional Centre, Salt Lake, Kolkata-700091	"Remote Sensing and GIS Applications in Natural Resource Management"	21 Nov.2012	11 Dec. 2012
7	Dr.D.K.Vani	PC	PAU, Ludhiana	National Conference of KVKs	20 Nov.	22 Nov.
8	Dr.D.K.Vani	PC	MANAGE , Hyderabad organized at MPUAT, Udaipur	Professional skill for trainers	8.10.12	11.10.12
9	Sh.K.C.Jain	TA(Agronomy)	CSSRI, Karnal (Haryana)	Hand-on training on Conservation Agriculture(CA) machinery	15 Feb	17 Feb, 2013
10	Sh. M.K. Kureel	Asstt.Prof. Horti.	IIT Kanpur	Human Values and professional Ethics	16 Jan	22 Jan, 2013

10.1 Participation of Scientists in National/International Seminars/Symposia/ Conference/ Short Courses/Trainings/Workshops/Summer and Winter School etc.

1. Actively participated Dr.P.P. Shastry, Dr. O.P. Soni, Dr.D.K. Vani & Dr. M.K. Tiwari in third International River festival 2013 at Bandra Bhan District Hoshangabad M.P. on 8th 9th February 2013. Special Guest Dr.M. Bhagwat (सरसंघ प्रमुख) Chief Minister & Ex Chief Minister work present in the event. Technical suggestions were given like conservation and recharging of ground water for integrated Narmada River Programme and social issues also raised during the technical session.
2. Participated Dr. U.S. Ram in a two days National seminar (March 8-9, 2013) on Enhancing water productivity in agriculture that was organized by department of Agronomy, Institute of Agricultural Sciences, BHU Varanasi. A paper on improving water productivity in irrigated systems was presented in the seminar.
3. Participated Dr. M.K. Tiwari in a two days National Seminar (23 to 24 March 2013) on the "Role of livestock in Indian Agriculture" which was organized by Mahatma Gandhi Chitrakoot Gramodaya Vishw Vidyalaya, Chitrakoot, Satna. A research paper entitled

"Ancient Cattle Management and its relevance in present context" was presented on 24-03-2013.

4. Actively participated Dr.P.P. Shastry Dean College of Agriculture, Khandwa in scientific conclave at Hyderabad during 2nd and 3rd March 2013 to discuss the role of Biotechnology in India.

5. Attended Sh. S.K. Parsai National Convention on India Cotton; Gearing up for Global leadership from 6-8 January 2013 at Navsari Agriculture University Surat. The Convention was organized by NAU Surat, Central Institute for Cotton Research Nagpur. in association with The Gujrat Association for Agricultural Sciences Surat and Indian Society for Cotton Improvement, Mumbai.

6. Attended Sh. S.K. Parsai review Meeting of NISPM (Bt Cotton for 2008 to 2013 at KVK Babhaleshwar from 12-13 Feb. 2012-13

11. Awards and Recognitions-*NIL*

12. Exhibitions-*NIL*

13. Visits Abroad-*NIL*

14. Distinguished Visitors

Hon'ble State Agriculture Minister Dr. Ramkrishna Kusmaria visited AICCIP Cotton Project, Khandwa on 12-09-2012.

Hon'ble State Agriculture Minister Dr. Ramkrishna Kusmaria visited AICCIP Cotton Project, Khandwa on 12-09-2012

Hon'ble State Agricultural Minister Dr. Ramkrishna Kusmaria interacting with the farmers of Village Lohari distt. Khandwa on 12-09-2012

15. Publications

Publications in National/International Journals/Books/Book Chapter/Technical Pump lets/Composition/Souvenir/Hindi.

1- Shah,M.S., Upadhyay,A. and Sisodia, R.I. (2012). Effect of different spacing and fertility levels on Bt cotton hybrid under rainfed condition. J. Cotton Res. & Dev 26 (1):72-73.

2- Shah, M.S. and Sisodia, R.I. (2012). Integrated nutrient management in hirsutum cotton. J.Cotton Res. & Dev 26 (2): 202-203.

3- Baraiya, B.R., Tiwari G, Barde, S.K. and Chhapare, R.K. (2012) "Phenology and Growth Analysis Study of Ashwagandha *[Withania somnifera* (I.) Dunal.] for Yield and Alkaloid Accumulation under Winter Sown Conditions*" International Journal of plant Sciences* **7 (1)** 135-139 (January 2012)

4- Patidar M., Barde S.K. and Chhapare R.K. (2012) Screening of the genotypes of sesame *(Sesamum indicum 1.)* against different insect pests *Ann. Entomol* 30 (X) XX-XX (2012)

5- Patidar, D.K., (2012) "Impact Assessment of MGNREGA on Income and Employment Level of Beneficiaries". Accepted abstract for " National Seminar on Modernization and Monitoring of Irrigated Command" Dated 21-22 November 2012 at J.N.K.V.V. Jabalpur

6- **Tiwari, M.K.** (2012) Farming Practices for the promotion of sustainable agriculture in Dry land areas. Edited volume by D.C. Kalita and B.K.Mishra, ISBN 978-81-7622-260-0. Titled **Sustainability and Economic Development in Hill Agriculture**. **Biotech Books, New Delhi. PP. 391-402**.

प्रकाशित कृषिकोपयोगी लेख–

1. बी.टी. कपास में जुड़ी खास जानकारियॉ कृषक जगत भोपाल रायपुर (खरीफ विशेषांक 2012) 30 जुलाई से 05 अगस्त 12 पेज–9
2. आवश्यक है रबी फसलों की कीटों से सुरक्षा, कृषक जगत भोपाल रायपुर (रबी विशेषांक 2012) 03 से 09 दिसम्बर 2012 पेज–14
3. मानव के मित्र कीट, लोकमत समाचार नागपुर दीपावली विशेषांक 2012, पेज 102–106।
4. प्रशिक्षण में दिए गए व्याख्यान

1. कपास में समेकित कीट प्रबंधन 12.08.2012 (परियोजना अधिकारी आत्मा द्वारा प्रशिक्षण) खरगोन।
2. कपास एवं मिर्च में समेकित कीट प्रबंधन 12.10.2012 (क्रिस्टल काप प्रोटेक्शन द्वारा आयोजित कृषक संगोष्ठी) धनगॉव।
3. रबी फसल में कीट प्रबंधन 18.11.2012 (कृभको द्वारा आयोजित कृषक संगोष्ठी में) बड़गॉव भीला
4. पाटीदार महेन्द्र, बरैया बी.आर., बर्डे सुनिल, कुमार रवि एवं वर्मा, मन्दाकिनी (2012) '' परभक्षी कीट जैविक नियंत्रण की महत्वपूर्ण विधि'' **कृषक दूत** ,20–26 नवम्बर, पृष्ठ कमांक 7।
5. पाटीदार महेन्द्र बरैया बी.आर., बर्डे सुनिल, कुमार रवि एवं वर्मा, मन्दाकिनी (2012) '' सब्जियों का राजा आलू'' **कृषक दूत,** 23–29 अक्टूबर, पृष्ठ 6 और 12।
6. तिवारी,एम.के., सोनी,एन. और पाटीदार, डी. (2013) '' आयुर्वेद में गाय का महत्व एवं गौ चिकित्सा पद्धति''। जैविक दर्पण (विशेषांक)। कृषक समाज एवं जनकल्याण समिति, सिवनी (म.प्र.) पृष्ठ कमांक 34–36।
7. तिवारी,एम.के., सोनी,एन. और पाटीदार, डी. (2013) '' शास्त्रों पुराणों में आयुर्वेद''। जैविक दर्पण (विशेषांक)। कृषक समाज एवं जनकल्याण समिति, सिवनी (म.प्र.) पृष्ठ कमांक 40–42
8. पाटीदार डी., तिवारी,एम.के. और सोनी, एन. (2013) ''सही फार्म प्रबंधनःभारतीय कृषि की आवश्यकता'' साइंस इंडिया वर्ष–6, अंक–3, फरवरी 2013 पृष्ठ संख्या 21–26।
9. सोनी,एन., पाण्डेय,एस.के., पाटीदार,डी. और पटेल,एन. (2013) ''आंवले के प्रसंस्करित औषधीय उत्पाद'' कृषक दूत 16–22 अप्रेल 2013 अंक–47, पृष्ठ–12।
10. पटेल,नेहा, सोनी.एन. और पाण्डेय एस.के. (2013) ''सेन की उन्नत खेती'' कृषक बंदना फरवरी 2013 अंक–03, पृष्ठ–22–23।
11. सोनी.एन. और पाटीदार डी. (2013) ''ग्रीष्मकालीन उड़द की खेती'' कृषक विकास समाज पत्रिका, मार्च 2013.

15.1 R.V.S.K.V.V., Publication 2012-13 At a Glance-*NIL*

15.2 Glimpses of R.V.S.KV.V., Publications-*NIL*

16 R.V.S.K.V.V., in News-*NIL*

17 Promotions/Selections/Deputations-*NIL*

18 Superannuation-*NIL*

Appendices-*NIL*